

## **ACUTE ORAL TOXICITY STUDY OF VASANT KUSUMAKAR RASA (PREMIUM) POWDER IN MICE**

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### **ABSTRACT**

**Objective:** The aim of present study was to evaluate the acute toxicity of Vasant Kusumakar Rasa powder (Premium) in mice.

**Material and Method:** In present investigation, a dose of 325 mg/kg per body weight of Vasant Kusumakar Rasa (Premium) were administered orally for 14 days.

**Result:** A limit dose of 325 mg/kg of Vasant Kusumakar Rasa (Premium) did not cause any mortality or signs of acute toxicity in the mice tested during the observation period. This implying that Vasant Kusumakar Rasa (Premium) is non toxic. Throughout 14 days of the treatment no changes in behavioral pattern and body weight of mice in both control and treatment groups. There was no cynosis, blanching or Inflammation of nasal tips, paws, eyes, ears or abnormal secretion from mouth, eyes & nose was seen. Also, Urine output of test group animals was comparable to control group of animals & was normal.

**Conclusion:** Overall, the results suggest that, the oral administration of Vasant Kusumakar Rasa (Premium) did not produce any significant toxic effect in mice

**Keywords:** Vasant Kusumakar Rasa (Premium), Acute Toxicity, body weight, Inflammation, non-toxic etc.

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